

Attorney Docket No.: A-64580-5/RFT/NBC
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Examiner: To Be Assigned
Zarling et al.)) Group Art Unit: To Be Assigned
Serial No. To Be Assigned))
Filed: November 20, 2001))
For: *In vivo Homologous Sequence*))
Targeting in Eukaryotic Cells))

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3/27/03

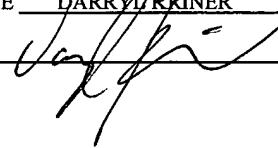
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TYPED NAME DARRYL KRINER

SIGNED 

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PRELIMINARY AMENDMENT

Sir:

Prior to examination, please amend the above-identified application as follows:

In the Claims:

Please cancel claim 1, without prejudice or disclaimer.

Please add the following new claims:

49. A composition comprising:

- a) a plasmid comprising a target nucleic acid sequence;
- c) at least two single-stranded targeting polynucleotides which are substantially complementary to each other, and which further comprise a homology clamp that substantially corresponds to or is substantially complementary to said target nucleic acid sequence; and
- d) at least one recombinase.